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TMS 2018
147th Annual Meeting & Exhibition



MARCH 11 – 15, 2018
PHOENIX, ARIZONA

SUBMIT AN ABSTRACT TO:

PHYSICAL METALLURGY

**COUPLING ADVANCED CHARACTERIZATION AND MODELING TOOLS
FOR UNDERSTANDING FUNDAMENTAL PHASE TRANSFORMATION MECHANISMS:
AN MPMD SYMPOSIUM IN HONOR OF HAMISH FRASER**

In celebration of Professor Hamish Fraser's 70th birthday and his career-long achievements in the fields of phase transformations, microstructure-structure property relationships, and advanced electron microscopy, this symposium aims to bring together experts in each area to address current and developing topics in these respective fields.

The symposium of invited talks will cover a broad spectrum of advanced characterization and modeling tools that are available today which are being employed for addressing fundamental phase transformation mechanisms.

In particular, the symposium will have dedicated sessions that emphasize phase transformations in non-ferrous alloys, such as Ti-base alloys and intermetallics, areas in which Professor Fraser has made pioneering contributions.

Other sessions will address phase transformation issues at different length scales, both in bulk and in nanostructured materials, and the use of advanced electron microscopy to reveal the underlying mechanisms of phase stability and transformation pathways in these materials.

ORGANIZERS

Rajarshi Banerjee, University of North Texas, USA
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TMS Phase Transformations Committee; TMS Integrated Computational Materials Engineering Committee

ABSTRACT DEADLINE IS JULY 1, 2017. SUBMIT ONLINE AT www.programmaster.org/TMS2018.

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